

Name: \_\_\_\_\_

**at1110paper\_practice\_test (v4)**

1. Expand the following expression into standard form.

$$(9x + 4)(8x + 7)$$

2. Solve the equation.

$$(3x - 8)(5x - 6) = 0$$

3. Expand the following expression into standard form.

$$(9x + 2)(9x - 2)$$

4. Expand the following expression into standard form.

$$(2x - 5)^2$$

5. Factor the expression.

$$x^2 - 3x - 54$$

6. Factor the expression.

$$64x^2 - 9$$

7. Solve the equation with factoring by grouping.

$$20x^2 - 8x + 15x - 6 = 0$$

8. Solve the equation.

$$9x^2 + 59x + 12 = 2x^2 - 5x + 3$$